

ICS 209 (Oil Spill) - Incident Status Summary										Version Name: 20200107 @ 1730							
Incident Name: South 4 Group Fire										Period: Period 16 [12/19/2019 06:00 - 01/31/2020 06:00]							
Spill Status (Estimated)										Equipment Resources							
Source Status		Remaining potential		151,740		Kind		Ordered	Available	Assigned	Out-Of-Service	Total Count					
SECURED		Rate of spillage		0 barrel(s)		Air Monitor - MultiRAE		0	0	73	0	73					
		Volumes measured in		barrel(s)		Air Monitor - UltraRAE		0	5	43	0	48					
		Since Last Report		Total		Boom		0	1	2,000	0	2,001					
Total Volume Spilled		0		999		Fire Fighting Foam		0	0	0	0	0					
Mass Balance (Estimated)										Volumes in gallon(s)							
Recovered Material (Liquid)		15,000		76,500		Jon Boat		0	0	3	1	4					
Foam		0		1,320		Pumps		2	16	17	0	35					
Combusted Material (bbl)		0		48,970		Response Boat		0	0	0	0	0					
Waste (Estimated)										Skimmer			0	17	1	0	18
Type		Recovered	Stored	Disposed	UOM		Sorbent: Boom		0	50	8,350	0	8,400				
Sorbent: Boom		13,720			Feet		UTV		7	8	25	0	40				
Debris		1,329			Bags		Vacuum Truck		0	0	6	0	6				
Liquid		230,030			gallon (s)		Vehicle		10	18	154	0	182				
							Viscous Sweep		0	0	201	0	201				
Shoreline Impacts										Distances measured in mile(s)							
Degree of Oiling		Affected	Cleaned	Remaining to be Cleaned		Organization		People in the Field	People in Cmd. Post	Total People On Scene							
						Other		2	0	2							
Wildlife Impacts										Federal				0	0	0	
					Died In Facility		State		2	0	2						
Type	Captured	Cleaned	Released	DOA	Euth.	Other	Local		29	1	30						
Fish Above 3"	0	0	0	68	0	0	RP		119	43	162						
Bird	0	0	0	0	0	0	Contract Personnel		570	53	623						
Mammal	0	0	0	0	0	0	Totals		722	97	819						
Reptile	0	0	0	1	0	0	Special Notes										
2-3" Fish	0	0	0	2,000	0	0	Active Fires: Per B. Jaschek at EOC - NO FIRES as of 1/4/2020										
Blue Crab	0	0	0	18	0	0	Notes:										
Pig				2			*Spilled material based on 98% destruction efficiency of the fire.										
Turtle				1			NO CIR's										
Safety Status																	
Type		Amount since last report		Total Amount													
Public Injury		0		0													
Responder Injury		1		5													
Community Air Monitoring readings for Butadiene				44,100													
Community Air Readings for all analytes				123,000													
BD - Community Air Detections above action level				240													
VOC - Community Air Detections above action level				11													
ICS 209 (Oil Spill) - Incident Status Summary										Prepared By Planning Section, Updated 01/07/2020 22:08 UTC -6: PP							
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Safety Status					
<i>Type</i>	<i>Amount since last report</i>	<i>Total Amount</i>			
Community Air Monitoring readings for VOC		44,400			
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Daily Summary – TPC Port Neches South 4 Group Fire 1/7/2020

The waterway has now transitioned to Maintenance and Monitoring Mode

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

- No CIR Notifications were issued 1/7.
- The de-inventory process is expected to begin this week.
- Fires remained out.
- No new leaks were identified.
- Meetings continue to progress with SRS to address Block 5 leaks. Tank 35 plan has been submitted for agency and legal approval with a plan to address 5 piping leaks at ground level soon to follow.
- There were no BD or VOC readings above detection levels. Community air monitoring for Butadiene and VOC continues to be performed 24/7 within the ½-mile radius of the site.
- Monitoring was performed at the schools. There were no detects.
- Water continues to be sprayed on 2 areas to help reduce concentrations of butadiene within the work zone. The flow has been reduced to 2000 gpm.
- Progress on 1/7:
 - The Technical Team is focusing on plans for de-inventorying the site
 - Initiated Pre-startup Safety Review in preparation for beginning the De-Inventory process, transferring BD to a barge.
- Work Zone recovery of PACM/ACM material continued. Wipe tests were collected per the Building ACM Plan.
- There was no DEHA injection on 1/7.
- The drone flew routine routes observing the waterways and performing the daily tank inventory. There were no issues identified.
- The following table provides a list of ongoing leaks have been identified on lines associated with the following:

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
39	Raffinate	Flange on line east of sphere 39	
40	Raffinate	Tubing valve	12/14/2019
36	High Butane Raffinate	Flange on tank	
33	High Butane Raffinate	Tubing fitting. Leak under tank not accessible.	
35	High Butane Raffinate	Tubing leak	
90 & 91	High Purity Butadiene	Leak on common suction line, 092 that runs N to S	
26	Crude C4	Line leak, attempted repair with clamp	12/14/2019
30	Water and NMP Solvent	Tubing fitting	12/13/2019
219	MTBE	Vacuum Breaker, Intermittent	
2" Flange SE corner of block 10	Assumed BD	Flange	1/1/2020
6" valve at block 5 on 3 rd street	Raff	Valve	12/17/2019

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
Tank 42 Relief Valve	Raff	Relief Valve	
2-Six-inch line leaks where Tank 34	Raffinate, High BD	Line Leak	
1-6" Line (originally thought to be 2-10" lines to process compressor)	High BD concentration,	Damaged piping	
Tank 220	MTBE	Vacuum Breaker	
3" Line in Block 5	Assumed BD	Line Leak	
3" flange SW of 33tk on 2 nd St.	Assumed BD	Flange	
Sphere 38	Polyblend	Telltale Line	

- The Outfall Canal remains in Monitoring and Maintenance mode. The water remained 12' below the weir.

Upcoming Activities

- Continue startup review for transferring material to the dock.
- Monitoring of the schools resumed 1/6. Monitoring will continue this week. The area will continue to be monitored as part of the 1/2 -mile radius Air Monitoring Plan.
- The Potential Asbestos Containing Material (PACM) Cleanup Team continues collecting material found on the ground, per the approved plan. They will continue the work but will not remediate the area or disturb the evidence. The teams started at the north end of the site and have completed the removal from seven blocks. Material will continue to be removed in a planned manner until the whole site has been completed.
- The Technical Teams continue to develop and review the plans to ultimately de-inventory equipment at the site.

Health and Safety

- No safety issues.

Water Effluent

- Status of 201: 1' below the weir.
- GPM to JWWTP: 2000

Water Testing:

- As of January 5, 2020, a total of 239 surface water/drinking water samples have been collected at 21 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of surface water analyses are not representative of drinking water sources.
- As of January 5, 2020, 221 surface water/drinking water sample results have been received for VOC analysis and 131 results received for asbestos analysis.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples.
- There have been no exceedances of TCEQ Drinking Water Maximum Contaminant Level (MCL) screening values for the drinking water sample analyzed.

Wildlife Report

- There were no Wildlife reports on 1/7/2020.

Recovery Operations

- Routine monitoring.

SCAT Report

- Maintenance and Monitoring Plan is in effect.

Waste

Waste removed:

Arrangements are being made to remove the waste materials generated during the response to this event.

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
177,500	Liquids from outfall canal skimming	9
10,000	Water and hydrocarbons from south separator	.5
30,000	Latex-laden Wastewater from LION	1.5
15,000-10,000	Hydrocarbons from API Separator	0.75
250	Wash Water from decon at Vallen Trailer	0.1
10,000	Liquids from Second Street Ditch	0.5
	Empty Available and Staged	5
235,250	Totals	19

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
225	Hydrocarbon Debris and Sorbents from Canal	11
225	Totals	11

Empty available and staged (requested 4 more) 2

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
30	Motiva (1-full, 1-in use)	2
6.25	Joint Waste Water	1
48.75	Totals	4

	Other	
	Routine Plant Trash (Garbage)	1 0
	Dirty Containment Boom waiting on decon	0

Worksite Air Monitoring

During this reporting period no detections 1,3-butadiene, %LEL, or VOCs were observed within the work area during this reporting period.

Community Air Monitoring

Please note: Air monitoring samples will continue to be collected, but analytical results will be reported once per week on Monday.

Asbestos Monitoring

Community Updated 1/5

- Wipe samples: Twenty-one of the 397 samples collected have been positive for asbestos
- Bulk Sampling: 200 of 454 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

The analytical information below represents data updated 1/6

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	631	54
Poly Aromatic Hydrocarbons (PAH)	2	476	28
Asbestos	0	1161	44

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Please reference the next page for this community assessment information.

Community Property Assessment Summary

305

Count of Industrial Debris Claims
Sampled

131

Count of Properties with Observed
Damage

247

Count of Properties with Observed
Debris

Community Property Assessment Summary - Jefferson

270

Count of Industrial Debris Claims
Sampled

124

Count of Properties with Observed
Damage

214

Count of Properties with Observed
Debris

Community Property Assessment Summary - Orange

35

Count of Industrial Debris Claims
Sampled

7

Count of Properties with Observed
Damage

33

Count of Properties with Observed
Debris

Completed Property Assessments Property Type Sum

Type	# of Properties
Church	1
Commercial/Business	2
Industrial Facility	3
Multi-family Residence	3
Single Family Home	295
	304